CONTENTS OF VOLUME 35

No. 1 January 1968

THE DIAGNOSIS OF CARPAL TUNNEL SYNDROME	
George S. Phalen, M.D.	1
FAT-CONTROLLED FOODS FOR THE DINNER TABLE	
Helen B. Brown, Ph.D.	7
An Unusual Electroencephalogram of a Patient With Diabetic Acidosis; Report of a Case	10
Dexter Koons, M.D., and Nelson G. Richards, M.D.	13
A Survey of Acute Complications Associated With Endotracheal Intubation	
G. O. M. Jones, M.A., B.M., Donald E. Hale, M.D.,	
Carl E. Wasmuth, M.D., LL.B., John Homi, M.D.,	
Ethelee R. Smith, M.D., and John Viljoen, M.B., Ch.B.	23
RETROGRADE JEJUNOGASTRIC INTUSSUSCEPTION; REVIEW OF THE LITERA- TURE AND REPORT OF A CASE	
Hirsch Rastogi, M.B.B.S., M.D. (Medicine), Ralph J. Alfidi, M.D.,	
Robert E. Hermann, M.D., and Charles H. Brown, M.D.	33
PAIRED-PULSE STIMULATION OF AN ELECTRIC-HYDRAULIC PUMP USED TO	
REPLACE THE MAMMALIAN HEART	
Spyridon D. Moulopoulos, M.D., Michael J. Crosby, B.M.E., M.Sc.,	
Yukihiko Nosé, M.D., Ph.D., and Willem J. Kolff, M.D., Ph.D.	41
EXPERIMENTAL PRESERVATION OF SHEEP KIDNEY FOR SUCCESSFUL TRANS- PLANTATION; CORRELATION OF RESULTS AND TETRAZOLIUM TEST	
Biman K. Khastagir, M.B.B.S., Kazuo Hino, M.D.,	
and Willem J. Kolff, M.D., Ph.D.	49
EXPERIMENTAL TESTS OF A FIBER-REINFORCED CELLOPHANE MEMBRANE FOR HEMODIALYSIS	
David C. Weber, B.S., and Yukihiko Nosé, M.D., Ph.D.	57
Publications by Members of the Staff	65
THE CLEVELAND CLINIC EDUCATIONAL FOUNDATION—POSTGRADUATE	
Courses	71
	iii

No. 2 April 1968

THE ADVANTAGES OF RADIOIODINE OVER THYROIDECTOMY IN THE TREAT-	
MENT OF GRAVES' DISEASE	
George Crile, Jr., M.D., and Penn G. Skillern, M.D.	73
Angiographic Diagnosis of Polycystic Renal Disease	
Thomas F. Meaney, M.D., and James G. Corvalan, M.D.	79
PERITONEAL DIALYSIS—MECHANICAL INNOVATIONS	
Steven A. Schwid, M.D., and Donald G. Vidt, M.D.	85
SECONDARY RECONSTRUCTION OF THE MANDIBLE: TECHNIC OF INTRAORAL	
Immobilization	
Shattuck W. Hartwell, Jr., M.D., and Burton P. Siegel, D.D.S.	91
CLINICOPATHOLOGIC ASSESSMENT OF TWENTY-SIX CASES OF RHABDOMYO-	
SARCOMA	07
Eyad Chatty, M.D., and William A. Hawk, M.D.	97
EXPERIMENTAL EFFECT OF NEGATIVE PRESSURE ON ULTRAFILTRATION IN	
HEMODIALYSIS; IN VITRO STUDY OF A SINGLE COIL OF THE KOLFF	
QUAD-COIL ARTIFICIAL KIDNEY	
Tadamasa Kon, M.D., Ph.D., Claudie Williams,	
John T. Venaleck, B.S.E.S., Satoru Nakamoto, M.D.,	
David C. Weber, B.S.Ch.E.,	
Charles R. H. Wildevuur, M.D., Ph.D.,	
and Yukihiko Nosé, M.D., Ph.D.	115
ana Tukiniko Nose, W.D., Ph.D.	113
Publications by Members of the Staff	125
THE CLEVELAND CLINIC EDUCATIONAL FOUNDATION—POSTGRADUATE	
Courses	129
FORMER FELLOWS AND INTERNS REUNION	129
TOWNER TELECONE INC. STATEMENT TELECONOMICS	
No. 3 July 1968	
HIGHLIGHTS OF THE RECENT NATIONAL DIET-HEART STUDY	
Helen B. Brown, Ph.D., and Irvine H. Page, M.D.	131
TREATMENT OF GOUT AND URATE CALCULI WITH ALLOPURINOL; REPORT	
OF THREE REPRESENTATIVE CASES	
John D. O'Duffy, M.B., and Arthur L. Scherbel, M.D.	145

TIC DOULOUREAUX AND DIABETES MELLITUS John S. Collis, Jr., M.D., and Thomas W. Wallace, M.D.	155
LACK OF DIAGNOSTIC SIGNIFICANCE OF SERUM ALKALINE PHOSPHATASE VALUES IN DIFFERENTIATING HEPATOCELLULAR AND OBSTRUCTIVE	100
JAUNDICE Tarik Elibol, M.D., Eugene I. Winkelman, M.D., John W. King, M.D., Ph.D., and Charles H. Brown, M.D.	
MOTOR PARALYSIS OF THE LOWER EXTREMITIES IN HERPES ZOSTER; REVIEW OF MEDICAL WRITINGS AND REPORT OF A CASE Chester F. Fee, M.D., and Charles M. Evarts, M.D.	169
Chester F. Fee, M.D., and Charles M. Evarts, M.D.	103
Publications by Members of the Staff	177
THE CLEVELAND CLINIC EDUCATIONAL FOUNDATION—POSTGRADUATE COURSES	181
No. 4 October 1968	
DIFFERENTIAL PORTAL PRESSURES IN RELATION TO PROGNOSIS AND TO SURVIVAL OF PATIENTS UNDERGOING PORTACAVAL SHUNT Paul C. Taylor, M.D., Norman R. Hertzer, M.D., and Robert E. Hermann, M.D.	183
Polymyalgia Rheumatica and Renal Amyloidosis; Report of a Case George Dunea, M.B., Francis J. Owens, M.D., and Allen H. Mackenzie, M.D.	193
Preparation and Purification of Horse Antihuman Lymphocyte Globulin (ALG)	
Khoki Konomi, M.D., Ph.D.,	
and Sharad D. Deodhar, M.D., Ph.D.	199
PHARYNGOESOPHAGEAL DIVERTICULUM IN EACH OF THREE SISTERS; REPORT OF CASES	
Laurence K. Groves, M.D.	207
CARPAL TUNNEL SYNDROME DUE TO A SMALL DISPLACED FRAGMENT OF BONE; REPORT OF A CASE	
Donald L. Kinley, M.D., and Charles M. Evarts, M.D.	215
Edwardsiella Tarda—Identification and Clinical Significance; Report of Two Cases	
Hana B. Chatty, M.D., and Thomas L. Gavan, M.D.	223

Inter-communication of the Version Control Assessed Victoria Williams	
IMPROVEMENT OF THE KOLFF QUAD-COIL ARTIFICIAL KIDNEY WITH A	
Double Screen; Experimental Study	
Tadamasa Kon, M.D., Ph.D., David C. Weber, B.S. Ch.E.,	
Gene L. Mrava, M.S., and Yukihiko Nosé, M.D., Ph.D.	229
Publications by Members of the Staff	237
Medical Motion Picture Films Produced at Cleveland Clinic	239
THE CLEVELAND CLINIC EDUCATIONAL FOUNDATION	
Postgraduate Courses	241

INDEX ISSUE

CLEVELAND CLINIC QUARTERLY-VOLUME 35, 1968

Number	Month of Issue	Pages
1	January	1-72
2	April	73-130
3	July	131-182
4	October	183-242

AUTHOR INDEX

Alfidi.	B	73

Brown, C. H., 33, 159 Brown, H. B., 7, 131

Chatty, E., 97 Chatty, H. B., 223 Collis, J. S., Jr., 155 Corvalan, J. G., 79 Crile, G., Jr., 73 Crosby, M. J., 41

Deodhar, S. D., 199 Dunea, G., 193

Elibol, T., 159 Evarts, C. M., 169, 215

Fee, C. F., 169

Gavan, T. L., 223 Groves, L. K., 207

Hale, D. E., 23 Hartwell, S. W., Jr., 91 Hawk, W. A., 97 Hermann, R. E., 33, 183 Hertzer, N. R., 183 Hino, K., 49 Homi, J., 23

Jones G. O. M., 23

Khastagir, B. K., 49 King, J. W., 159 Kinley, D. L., 215 Kolff, W. J., 41, 49 Kon, T., 115, 229 Konomi, K., 199 Koons, D., 13

Mackenzie, A. H., 193 Meaney, T. F., 79 Moulopoulos, S. D., 41 Mrava, G. L., 229

Nakamoto, S., 115 Nosé, Y., 41, 57, 115, 229

O'Duffy, J. D., 145 Owens, F. J., 193

Page, I. H., 131 Phalen, G. S., 1

Rastogi, H., 33 Richards, N. G., 13

Scherbel, A. L., 145 Schwid, S. A., 85 Siegel, B. P., 91 Skillern, P. G., 73 Smith, E. R., 23

Taylor, P. C., 183

Venaleck, J. T., 115 Vidt, D. G., 85 Viljoen, J., 23

Wallace, T. W., 155 Wasmuth, C. E., 23 Weber, D. C., 57, 115, 229 Wildevuur, C. R. H., 115 Williams, C., 115 Winkelman, E. I., 159

CLEVELAND CLINIC OUARTERLY-VOLUME 35, 1968

SUBJECT INDEX

- AMYLOIDOSIS. Renal, and polymyalgia rheumatica; report of a case, 193 ANESTHESIA. Endotracheal intubation.
- ANESTHESIA. Endotracheal intubation, survey of acute complications, 23 ANGLOGRAPHY. Diagnosis of polycystic
- ANGIOGRAPHY. Diagnosis of polycystic renal disease, 79
- ARTIFICIAL ORGANS. Heart, mammalian; paired-pulse stimulation of electric-hydraulic pump to replace, 41
 - Kidney, Kolff quad-coil, experimental effect of negative pressure, 115
 - Double-screen to improve ultrafiltration, experimental study, 229
 - Fiber-reinforced cellophane membrane, experimental tests, 57
- CARPAL TUNNEL SYNDROME. Diagno-
 - Caused by small displaced fragment of bone; report of a case, 215
- DIABETES MELLITUS. Electroencephalogram of patient with diabetic acidosis; report of a case, 13
 - And tic douloureux, 155
- DIALYSIS. Peritoneal, mechanical innovations, 85
- See also ARTIFICIAL ORGANS, Kidney, 57, 115, 229
- DIET. Fat-controlled foods for the dinner table, 7
 - National diet-heart study, 131
- ESOPHAGEAL DISEASE. Pharyngoesophageal diverticulum in each of three sisters; report of cases, 207
- GASTROINTESTINAL DISEASES. Retrograde jejunogastric intussusception; review of the literature and report of a case, 33
- GOUT. And urate calculi, treatment with allopurinol, 145
- GRAVES' DISEASE. Advantages of radioiodine over thyroidectomy, 73
- HEMODIALYSIS. Experimental effect of negative pressure; in vitro study of

- single coil of Kolff quad-coil artificial kidney, 115
- HERPES ZOSTER. Motor paralysis of lower extremities; report of a case, 169
- JAUNDICE. Obstructive and hepatocellular; serum alkaline phosphatase values, 159
- KIDNEY. See AMYLOIDOSIS, 193; AN-GIOGRAPHY, 79: ARTIFICIAL ORGANS, Kidney, 57, 115, 229; TRANSPLANTATION, 49
 - Tissue preservation, 49
- LIVER. Portal pressures in relation to portacaval shunts, 183
- MANDIBLE. Temperomandibular joint, secondary reconstruction, 91
- MOTION PICTURE FILMS, MEDICAL.
 Produced at Cleveland Clinic, 239
- PHARYNGEAL DISEASE. Pharyngoesophageal diverticulum in each of three sisters; report of cases, 207
- POLYMYALGIA RHEUMATICA and renal amyloidosis; report of a case, 193
- POSTGRADUATE COURSES. The Cleveland Clinic Educational Foundation, 71, 129, 181, 241
- PUBLICATIONS. Staff, 65, 125, 177, 237
- REUNION. Ninth, former fellows and interns, 129
- RHABDOMYOSARCOMA. Clinicopathologic assessment of 26 cases, 97
- TRANSPLANTATION. Tissue preservation, sheep kidney, 49
- TRIGEMINAL NEURALGIA. And diabetes mellitus, 155
- SEROLOGY. Preparation and purification of horse ALG, 199
 - Edwardsiella tarda, 223
- URETER. See GOUT, 145

